Author Index

Abe, C., see Komoriya, K., 89
Arai, S., see Kimura, S., 181

Ballard, F.H., see Handley, D.A., 125
Baxevanis, C.N., Reclos, G.J., Perez, S., Kokkinopoulos, D. and Papamichail, M.
Immunoregulatory effects of fraction 5 thymus peptides. I. Thymosin α_1 enhances while thymosin β_4 suppresses the human autologous and allogeneic mixed lymphocyte reaction, 133
Bellavia, A., Brusca, I., Marino, V., Peri, S.M., Di Fiore, P. and Salerno, A.
Effects of dextran sulphate on lymphoblast extravasation into inflammatory skin sites, 173
Bonhomme, B., see Doly, M., 189
Bowlin, T.L., McKown, B.J. and Sunkara, P.S.
The effect of α-difluoromethylornithine, an inhibitor of polyamine biosynthesis, on mitogen-induced interleukin 2 production, 143
Braquet, P., see Doly, M., 189
Brusca, I., see Bellavia, A., 173

Casals-Stenzel, J.
Effects of WEB 2086, a novel antagonist of platelet activating factor, in active and passive anaphylaxis, 117
Chabrier, P.E., see Doly, M., 189

D'Amelio, R., see Fontana, L., 111
Di Fiore, P., see Bellavia, A., 173
Dickens, C.S., see Myers, M.J., 195
Doly, M., Bonhomme, B., Braquet, P., Chabrier, P.E. and Meyniel, G.
Effects of platelet-activating factor on electrophysiology of isolated retinas and their inhibition by BN 52021, a specific PAF-acether receptor antagonist, 189

Fattorossi, A., see Fontana, L., 111
Fay, M., see Roche, Y., 99
Fontana, L., Fattorossi, A., D'Amelio, R., Migliorati, A. and Perricone, R.
Modulation of human concanavalin A-induced lymphocyte proliferative response by physiological concentrations of β-endorphin, 111

Gougerot-Pocidalo, M.-A., see Roche, Y., 99

Handley, D.A., Van Valen, R.G., Tomesch, J.C., Melden, M.K., Jaffe, J.M., Ballard, F.H. and Saunders, R.N.
Biological properties of the antagonist SRI 63-441 in the PAF and endotoxin models of hypotension in the rat and dog, 125
Highet, A.B. and Ruben, L.N.
Corticosteroid regulation of IL-1 production may be responsible for deficient immune suppressor function during the metamorphosis of *Xenopus laevis*, the South Africa clawed toad, 149
Holsapple, M.P., see Johnson, K.W., 47
Hosoda, K., see Komoriya, K., 89
Hunt, N.H., see Yong-He, Z., 37

Jaffe, J.M., see Handley, D.A., 125
Johnson, K.W., Munson, A.E. and Holsapple, M.P.
Primary cellular target responsible for dimethylnitrosamine-induced immunosuppression in the mouse, 47

Kimura, S., Umetsu, K., Yamashita, T., Suzuki, T., Arai, S. and Sendo, F.
T cell mitogenicity of a novel β-D-galactoside-specific lectin from the beetle, *Allomyrina dichotoma* (allo A), 181
Kok-Nam, L., see Yong-He, Z., 37
Kokkinopoulos, D., see Baxevanis, C.N., 133
Komoriya, K., Nagata, I., Tsuchimoto, M., Kunisawa, K., Koyama, T., Hosoda, K., Takeshita, T., Naruchi, T., Yamamoto, I., Abe, C. and Shiokawa, Y.
Inhibitory effect of TI-31 on autoimmune nephritis in NZB/NZW F_1 mice through regulation of the immune response, 89
Koyama, T., see Komoriya, K., 89
Kunisawa, K., see Komoriya, K., 89

Lamon, E.W., see Walia, A.S., 11
Lawson, L.D., see Luebke, R.W., 25
Leung, K.N., see Leung, S.O., 159
Leung, S.O., Yeung, H.W. and Leung, K.N.
The immunosuppressive activities of two abortifacient proteins isolated from the seeds of bitter melon (*Momordica charantia*), 159
Luebke, R.W., Lawson, L.D., Rogers, R.R., Riddle, M.M., Rowe, D.G. and Smialowicz, R.J.
Selective immunotoxic effects in mice treated with the adenosine deaminase inhibitor 2′-deoxycoformycin, 25

Luebke, R.W., Rogers, R.R., Riddle, M.M., Rowe, D.G. and Smialowicz, R.J.
Alteration of immune function in mice following carcinogen exposure, 1

Marino, V., see Bellavia, A., 173
Matt, W.C., see Shenker, B.J., 73
McKown, B.J., see Bowlin, T.L., 143
Melden, M.K., see Handley, D.A., 125
Meyniel, G., see Doly, M., 189
Migliorati, A., see Fontana, L., 111
Munson, A.E., see Johnson, K.W., 47
Myers, M.J., Dickens, C.S. and Schook, L.B.
Alteration of macrophage anti-tumor activity and transferrin receptor expression by exposure to dimethylnitrosamine in vivo, 195

Nagata, I., see Komoriya, K., 89
Nai-Ki, M., see Yong-He, Z., 37
Naruchi, T., see Komoriya, K., 89
Nielsen, V.G. and Webster, R.O.
Inhibition of human polymorphonuclear leukocyte functions by ibuprofen, 61

Papamichail, M., see Baxevanis, C.N., 133
Perez, S., see Baxevanis, C.N., 133
Peri, S.M., see Bellavia, A., 173
Perricone, R., see Fontana, L., 111
Pruitt, K.M., see Walia, A.S., 11

Reclos, G.J., see Baxevanis, C.N., 133
Riddle, M.M., see Luebke, R.W., 1
Riddle, M.M., see Luebke, R.W., 25
Roche, Y., Fay, M. and Gougerot-Pocidalo, M.-A.
Effects of quinolones on interleukin 1 production in vitro by human monocytes, 99
Rodgers, J.D., see Walia, A.S., 11
Rogers, R.R., see Luebke, R.W., 1
Rogers, R.R., see Luebke, R.W., 25
Rowe, D.G., see Luebke, R.W., 1
Rowe, D.G., see Luebke, R.W., 25
Ruben, L.N., see Highet, A.B., 149

Salerno, A., see Bellavia, A., 173
Saunders, R.N., see Handley, D.A., 125
Schook, L.B., see Myers, M.J., 195
Sendo, F., see Kimura, S., 181
Shenker, B.J. and Matt, W.C.
Suppression of human lymphocyte responsiveness by forskolin: reversal by 12-*O*-tetradecanoyl phorbol 13-acetate, diacylglycerol and ionomycin, 73
Shiokawa, Y., see Komoriya, K., 89
Smialowicz, R.J., see Luebke, R.W., 1
Smialowicz, R.J., see Luebke, R.W., 25
Sunkara, P.S., see Bowlin, T.L., 143
Suzuki, T., see Kimura, S., 181

Takeshita, T., see Komoriya, K., 89
Tomesch, J.C., see Handley, D.A., 125
Tsuchimoto, M., see Komoriya, K., 89

Umetsu, K., see Kimura, S., 181

Van Valen, R.G., see Handley, D.A., 125

Walia, A.S., Pruitt, K.M., Rodgers, J.D. and Lamon, E.W.
In vitro effect of ethanol on cell-mediated cytotoxicity by murine spleen cells, 11
Webster, R.O., see Nielsen, V.G., 61

Yamamoto, I., see Komoriya, K., 89
Yamashita, T., see Kimura, S., 181
Yeung, H.W., see Leung, S.O., 159
Yong-He, Z., Nai-Ki, M., Kok-Nam, L. and Hunt, N.H.
Modulation of T cells by cyclic AMP in murine influenza virus infection. I. In vitro inhibition of cytotoxic T lymphocytes by exogenous cyclic AMP analogues and by agents with increase intracellular cyclic AMP concentrations, 37

Subject Index

Abortifacient protein, 159
Active and passive anaphylaxis, 117
Adenosine deaminase, 25
Adherence, 61
Allogeneic MLR, 133
Alloimmune cytotoxic T cells, 11
Allomyrina dichotoma, 181
Amphibian, 149
Antibody-dependent cell-mediated cytotoxicity (ADCC), 11
Antibody-forming cells, 47
Autologous MLR, 133
Bitter melon, 159
Carcinogens, 1
Chemotaxis, 61
Concanavalin A, 111
Corticosteroid, 149
Cyclic AMP, 37
Cyclic nucleotides, 73
Cyclophosphamide, 1
Cytotoxic lymphocytes, 37
Delayed-type hypersensitivity, 173
2′-Deoxycoformycin, 25
Dextran sulphate (m.w. 500 000), 173
α-Difluoromethylornithine, 143
Dimethylnitrosamine, 47, 195
Dog, 125
Effector cells, 11
Electroretinogram, 189
β-Endorphin, 111
Endothelium, 125
Endotoxin, 125
Ethanol, 11
Forskolin, 73
Ginkgolide B (BN 52021), 189
Histamine, 37
Human monocytes, 99
Humoral immunity, 47
Hypotension, 125
Ibuprofen, 61
Immune suppression, 149
Immunoenhancement, 25
Immunosuppression, 1, 25,-47, 159
Interleukin 1, 99
Interleukin 2, 143, 181
Isolated retina, 189
Lectin, 181
Lymphoblast migration, 173
Lymphocyte activation, 73
Lymphocytes, 11
Lymphokines, 149
Macrophage anti-tumor activity, 195
Mechanism of inhibition, 11
Metamorphosis, 149
Methyl methanesulfonate, 1
Mixed lymphocyte reaction, 133
Mononuclear cell proliferative response, 111
Murine immune response, 159
Natural killer cells, 11, 25
Nephritis, 89
Neutrophils, 61
NZB/NZW F_1 mice, 89
Ornithine decarboxylase, 143
PAF-antagonist, 117, 189
PAF-receptors, 189
Phorbol ester, 73
Phytohemagglutinin, 111
Platelet activating factor (PAF), 117, 125, 189
Polyamine, 143
Polyclonal B cell activation, 89
Prostaglandin E_2, 37
Protein kinase C, 73
Quinolones, 99
Rat, 125
Superoxide anion, 61
T cell mitogen, 181
T cell subset, 133
Target cells, 11
Thymosin α_1/β_4, 133
TI-31, 89
Transferrin receptor, 195
Urethan, 1
WEB 2086, 117